

***Amended 3 February 2005**

**HUMAN RESOURCES OFFICE
CALIFORNIA NATIONAL GUARD
P.O. BOX 269101
SACRAMENTO, CA 95826-9101**

AIR TECHNICIAN VACANCY ANNOUNCEMENT #05-017A

**Electronics Integrated Systems Mechanic
80143000 FC: 22C100
WG-2610-12/11
\$19.26 - \$22.47 ph
\$18.33 - \$21.38 ph**

**ANNOUNCEMENT DATE:
CLOSING DATE:**

**22 January 2005
23 February 2005**

SELECTING OFFICIAL:

Logistics Management Officer - AMS

APPOINTMENT FEATURES:

**Excepted Service
Enlisted Grade**

POSITION LOCATION:

144th Fighter Wing, Fresno, CA

APPLICANTS NOT MEETING FULL QUALIFICATIONS FOR THE WG-12 POSITION INDICATED BELOW, MAY BE CONSIDERED FOR THE WG-11 , TRAINEE, IF QUALIFIED. STATEMENT-OF-DIFFERENCE OF QUALIFICATION REQUIREMENTS FOR EACH ARE INDICATED.

This position is located within an ANG aircraft maintenance organization. Its purpose is to analyze malfunctions, troubleshoot, repair, remove, install, maintain, test, inspect, modify and perform alignments of integrated avionics systems.

1. AREA OF CONSIDERATION: 144th Fighter Wing. Applications will be accepted from current technicians and military members of the 144th Fighter Wing – Fresno, CA., only.

2. CONDITIONS OF EMPLOYMENT: a. Must qualify for appropriate level of security clearance required by the position. b. Must wear appropriate military uniform including required grooming standards. c. Must maintain a compatible military unit, grade, and job assignment as required by current directives. d. Must participate in PD/EFT (Direct Deposit).

***3. MILITARY GRADE AVAILABLE: ENLISTED GRADE E-1 THROUGH E-6. PRIOR TO EFFECTIVE DATE OF PERSONNEL ACTION, SELECTEE MUST OCCUPY A COMPATIBLE MILITARY POSITION WITHIN A COMPATIBLE UNIT IN ENLISTED GRADE E-1 THROUGH E-6 OR HAVE A COMPATABILITY WAIVER APPROVED BY NATIONAL GUARD BUREAU. GRADE INVERSION IS NOT ALLOWED. IF THIS IS A SUPERVISORY POSITION, THE MILITARY GRADE OF SELECTEE MUST BE EQUAL TO OR HIGHER THAN THE MILITARY GRADE OF THOSE TO BE SUPERVISED.**

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NOTICE: All National Guard applicants must state Unit of Military Assignment, Military grade and AFSC.

4. QUALIFICATION REQUIREMENTS:

a. **Electronics Integrated Systems Mechanic, WG-2610-12/11, General:** Experience, education, or training which demonstrates a knowledge of electronics principles involved in a number of applications such as radar, data processing, and data display, as well as mechanical and hydraulic knowledges involved in operations of equipment such as control valves, gyros, turrets, and mounts and mechanical computing devices.

b. **Electronics Integrated Systems Mechanic, WG-2610-12, Specialized:** Must have 18 months specialized experience in performing organizational level maintenance on the total avionics system for F-16 aircraft; experience in utilizing principles, basic functions and application of theory of electronics to one or more complex integrated systems; work which required one to solve varied arithmetic problems, including computation of unstated values on drawings, requiring trigonometry and algebra; experience which required an individual to understand effects of malfunctions throughout interrelated units, such as, trace an apparent operating error in hydraulic controls of a gun mount back to the actual failure of a tactical computer to integrate yaw, pitch azimuth, and velocity inputs; experience in diagnosing and determining needed repairs for malfunctions in electronic systems where knowledge of the entire system is necessary to interpret error data and trace back through a number of units of the system to located deficiencies; experience which required incumbent to interpret and apply drawings, schematics and diagrams for integrated electronic systems; experience which required the use of hand tools, precision measuring and calibrating equipment; and experience which required the use of highly complex testing equipment such as millivoltmeters, frequency meters, oscilloscopes, dial indicators, micrometers, etc.

c. **Electronics Integrated System Mechanic, WG-2610-11 (Trainee), Specialized:** Must have 15 months specialized experience in the same knowledges, skills, abilities and personal characteristics as indicated for the WG-12.

If selected as trainee, the appointee may be non-competitively promoted to WG-12 upon meeting full qualifications and recommendation of supervisor.

e. **Substitution of Education:** Study successfully completed in a college, university technical, or vocational school may be substituted for experience at the rate of one year of study (30 semester hours or 20 classroom hours of instruction per week) Courses must be directly related to the work of the position.

TO BE CREDITABLE, XEROX COPIES OF COLLEGE TRANSCRIPTS ARE REQUIRED

CREDITING NATIONAL GUARD EXPERIENCE: NATIONAL GUARD SERVICE MAY BE CREDITED AS FULL-TIME EXPERIENCE WHEN EVALUATED AGAINST THE QUALIFICATION REQUIREMENTS FOR A MILITARY TECHNICIAN POSITION. EXPERIENCE MUST BE DIRECTLY RELATED TO THE POSITION AND MUST BE DESCRIBED IN THE WORK EXPERIENCE SECTION OF THE APPLICATION. THE LEVEL OF EXPERIENCE WILL BE DETERMINED BY THE ACTUAL DUTIES AND RESPONSIBILITIES PERFORMED.

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5. **KNOWLEDGES, SKILLS, AND ABILITIES:** The following knowledges, skills, and abilities will be used to determine the best qualified applicants from which selection will be made:

- a. Knowledge of theory of electronics.
- b. Knowledge of algebra and basic trigonometric applications.
- c. Knowledge of electronic, electrical, pneumatic, hydraulic and mechanical systems.
- d. Ability to locate and diagnose malfunctions in integrated electronic systems.
- e. Ability to interpret technical manuals, diagrams, and schematics.
- f. Ability to use hand tools and precision measuring equipment.
- g. Skill in the use of diagnostic and testing equipment.

SELECTEE WILL BE REQUIRED TO BE ASSIGNED A COMPATIBLE MILITARY POSITION IN AFSC 2A3XX.

INSTRUCTIONS FOR APPLYING: INDIVIDUALS MAY APPLY BY SUBMITTING AN OPTIONAL FORM (OF) 612, OPTIONAL APPLICATION FOR FEDERAL EMPLOYMENT; A STANDARD FORM (SF) 171, APPLICATION FOR FEDERAL EMPLOYMENT; A RESUME OR ANY OTHER WRITTEN FORMAT. IF YOUR APPLICATION OR RESUME DOES NOT INCLUDE ALL THE ITEMS REQUESTED ON THE OF-612 AND THIS VACANCY ANNOUNCEMENT, ALONG WITH A NARRATIVE DESCRIPTION OF HOW YOU MEET THE GENERAL AND SPECIALIZED EXPERIENCE REQUIREMENTS, YOU MAY LOSE CONSIDERATION FOR THE POSITION. IF YOU DESCRIBE MORE THAN ONE TYPE OF WORK (FOR EXAMPLE, CARPENTRY AND PAINTING, OR PERSONNEL AND BUDGET), WRITE THE APPROXIMATE PERCENTAGE OF TIME YOU SPENT DOING EACH. AT THIS OFFICE AND ANY FEDERAL AGENCY.

SUBMIT APPLICATIONS TO: THE HUMAN RESOURCES OFFICE (HRO), P.O. BOX 269101, SACRAMENTO, CA 95826-9101 (OR FOR EXPRESS MAIL: 9800 GOETHE ROAD, SACRAMENTO, CA 95826-9101). ALL APPLICATIONS MUST BE RECEIVED IN THE HUMAN RESOURCES OFFICE (HRO) BY CLOSE OF BUSINESS ON THE CLOSING DATE INDICATED ABOVE. VETERANS PREFERENCE DOES NOT APPLY.

ALL APPLICATIONS MUST BE SIGNED & DATED

THE FOLLOWING DOCUMENTS ARE NOT ACCEPTABLE AS ATTACHMENTS TO APPLICATIONS; PHOTOGRAPHS, COPIES OF POSITION DESCRIPTIONS, TRAINING CERTIFICATES, PERFORMANCE RATINGS (CIVILIAN OR MILITARY), AWARDS OR LETTERS OF APPRECIATION.

FEDERAL LAW PROHIBITS THE USE OF GOVERNMENT ENVELOPES, POSTAGE, OR FACSIMILE (FAX) FOR SUBMISSION OF APPLICATIONS.

PERMANENT CHANGE OF STATION (PCS) EXPENSES MAY NOT BE AUTHORIZED FOR THIS POSITION. AUTHORIZATION FOR PAYMENT OF PCS EXPENSES WILL BE GRANTED ONLY AFTER DETERMINATION IS MADE THAT PAYMENT IS IN THE BEST INTEREST OF THE CALIFORNIA NATIONAL GUARD.

THE CALIFORNIA NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

OUR WEBSITE ADDRESS IS: [HTTP://WWW.CALGUARD.CA.GOV/CAHR](http://www.calguard.ca.gov/cahr). YOU CAN LOCATE ALL CALIFORNIA NATIONAL GUARD TECHNICIAN VACANCY ANNOUNCEMENTS USING THIS SITE.